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B. GILPIN  
Dec. 27 18

The  
Standard  
Radiator  
Mfg.  
Co.







1898

THE STANDARD RADIATOR MFG. CO.

MANUFACTURERS OF

“STANDARD”

HOT WATER AND STEAM RADIATION

FOUNDRY AND MAIN OFFICE

Cor. Heacock and Roseville Sts.

BUFFALO, N. Y.

BRANCH OFFICES

NEW YORK, 206 Centre St.

PHILADELPHIA, 27 North 7th St.

CHICAGO, 167, 169 Lake St.

BOSTON, 109 Milk St.



ENGRAVED  
AND  
PRINTED  
BY *Gies & Co.*  
Buffalo, N.Y.



Buffalo, N. Y., April, 1898.

WE have much pleasure in presenting this catalogue to the heating trade, and hope the data and information it contains, and the use of our radiation, may be accepted as "STANDARD" in the widest comprehension of the term. We do not feel the necessity of giving verbal emphasis to the good qualities of our radiation. We have the advantage of long experience in manufacture, and can honestly claim for our product, efficiency, style, tight joints and castings par excellence. We call especial attention to the fact that we have done away with the unsightly rod and nut in universal use to connect water radiation at the top. This will be conceded to be a notable advance, both mechanically and in respect of finish and appearance. We have several new radiators in process, which will be offered to the trade in a very short time.

In order to avoid confusion, we wish to emphasize especially that there is but one "Standard Radiator Mfg. Co." We have capacity and facilities for an immense output, and with the great advantage of Buffalo as a manufacturing and shipping point, we urge our claim for patronage, based on a superior radiator, low cost, cheap transportation and quick deliveries.

We cordially invite correspondence, and a call whenever in the city, or at any of our branch offices.

THE STANDARD RADIATOR MFG. CO.

1090-6430-725





### The "Empire" Radiator

Designed for use where an ornate and unconventional style is required. We feel great pride in this radiator, and call especial attention to its graceful lines and chaste ornamentation. We offer this to the trade at a very moderate price, and can guarantee it to meet the demands of the most cultured taste. Each section contains four square feet of prime heating surface and is  $7\frac{1}{2}$  inches wide.  $2\frac{1}{2}$ -inch centers. Distance from floor to center of opening is  $5\frac{1}{2}$  inches.



LIST OF SIZES

“Standard” Single Column Radiators

No. Sections	Length	44 in. high Sq. feet	38 in. high Sq. feet	32 in. high Sq. feet	26 in. high Sq. feet	22 in. high Sq. feet	20 in. high Sq. feet	18 in. high Sq. feet
2	5	7	6	5	4	3 $\frac{1}{4}$	3	2 $\frac{1}{2}$
3	7 $\frac{1}{2}$	10 $\frac{1}{2}$	9	7 $\frac{1}{2}$	6	4 $\frac{7}{8}$	4 $\frac{1}{2}$	3 $\frac{3}{4}$
4	10	14	12	10	8	6 $\frac{1}{2}$	6	5
5	12 $\frac{1}{2}$	17 $\frac{1}{2}$	15	12 $\frac{1}{2}$	10	8 $\frac{1}{8}$	7 $\frac{1}{2}$	6 $\frac{1}{4}$
6	15	21	18	15	12	9 $\frac{3}{4}$	9	7 $\frac{1}{2}$
7	17 $\frac{1}{2}$	24 $\frac{1}{2}$	21	17 $\frac{1}{2}$	14	11 $\frac{3}{8}$	10 $\frac{1}{2}$	8 $\frac{3}{4}$
8	20	28	24	20	16	13	12	10
9	22 $\frac{1}{2}$	31 $\frac{1}{2}$	27	22 $\frac{1}{2}$	18	14 $\frac{5}{8}$	13 $\frac{1}{2}$	11 $\frac{1}{4}$
10	25	35	30	25	20	16 $\frac{1}{4}$	15	12 $\frac{1}{2}$
11	27 $\frac{1}{2}$	38 $\frac{1}{2}$	33	27 $\frac{1}{2}$	22	17 $\frac{7}{8}$	16 $\frac{1}{2}$	13 $\frac{3}{4}$
12	30	42	36	30	24	19 $\frac{1}{2}$	18	15
13	32 $\frac{1}{2}$	45 $\frac{1}{2}$	39	32 $\frac{1}{2}$	26	21 $\frac{1}{8}$	19 $\frac{1}{2}$	16 $\frac{1}{4}$
14	35	49	42	35	28	22 $\frac{3}{4}$	21	17 $\frac{1}{2}$
15	37 $\frac{1}{2}$	52 $\frac{1}{2}$	45	37 $\frac{1}{2}$	30	24 $\frac{3}{8}$	22 $\frac{1}{2}$	18 $\frac{3}{4}$
16	40	56	48	40	32	26	24	20
17	42 $\frac{1}{2}$	59 $\frac{1}{2}$	51	42 $\frac{1}{2}$	34	27 $\frac{5}{8}$	25 $\frac{1}{2}$	21 $\frac{1}{4}$
18	45	63	54	45	36	29 $\frac{1}{4}$	27	22 $\frac{1}{2}$
19	47 $\frac{1}{2}$	66 $\frac{1}{2}$	57	47 $\frac{1}{2}$	38	30 $\frac{7}{8}$	28 $\frac{1}{2}$	23 $\frac{3}{4}$
20	50	70	60	50	40	32 $\frac{1}{2}$	30	25
21	52 $\frac{1}{2}$	73 $\frac{1}{2}$	63	52 $\frac{1}{2}$	42	34 $\frac{1}{8}$	31 $\frac{1}{2}$	26 $\frac{1}{4}$
22	55	77	66	55	44	35 $\frac{3}{4}$	33	27 $\frac{1}{2}$
23	57 $\frac{1}{2}$	80 $\frac{1}{2}$	69	57 $\frac{1}{2}$	46	37 $\frac{3}{8}$	34 $\frac{1}{2}$	28 $\frac{3}{4}$
24	60	84	72	60	48	39	36	30
25	62 $\frac{1}{2}$	87 $\frac{1}{2}$	75	62 $\frac{1}{2}$	50	40 $\frac{5}{8}$	37 $\frac{1}{2}$	31 $\frac{1}{4}$
26	65	91	78	65	52	42 $\frac{1}{4}$	39	32 $\frac{1}{2}$
27	67 $\frac{1}{2}$	94 $\frac{1}{2}$	81	67 $\frac{1}{2}$	54	43 $\frac{7}{8}$	40 $\frac{1}{2}$	33 $\frac{3}{4}$
28	70	98	84	70	56	45 $\frac{1}{2}$	42	35
29	72 $\frac{1}{2}$	101 $\frac{1}{2}$	87	72 $\frac{1}{2}$	58	47 $\frac{1}{8}$	43 $\frac{1}{2}$	36 $\frac{1}{4}$
30	75	105	90	75	60	48 $\frac{3}{4}$	45	37 $\frac{1}{2}$
31	77 $\frac{1}{2}$	108 $\frac{1}{2}$	93	77 $\frac{1}{2}$	62	50 $\frac{3}{8}$	46 $\frac{1}{2}$	38 $\frac{3}{4}$
32	80	112	96	80	64	52	48	40

Each section is 5  $\frac{1}{2}$  inches wide. 2  $\frac{1}{2}$ -inch centers.

Distance from floor to center of opening is 5  $\frac{1}{2}$  inches.

All radiators will be tapped flush according to regular list on page 42, unless otherwise specified.

In ordering for steam, be sure to state whether for one or two-pipe system.





“Standard” Single Column Ornamental Radiator  
FOR STEAM

SEE PAGE 5  
FOR LIST OF SIZES





“Standard” Single Column Plain Radiator  
FOR STEAM

SEE PAGE 5  
FOR LIST OF SIZES

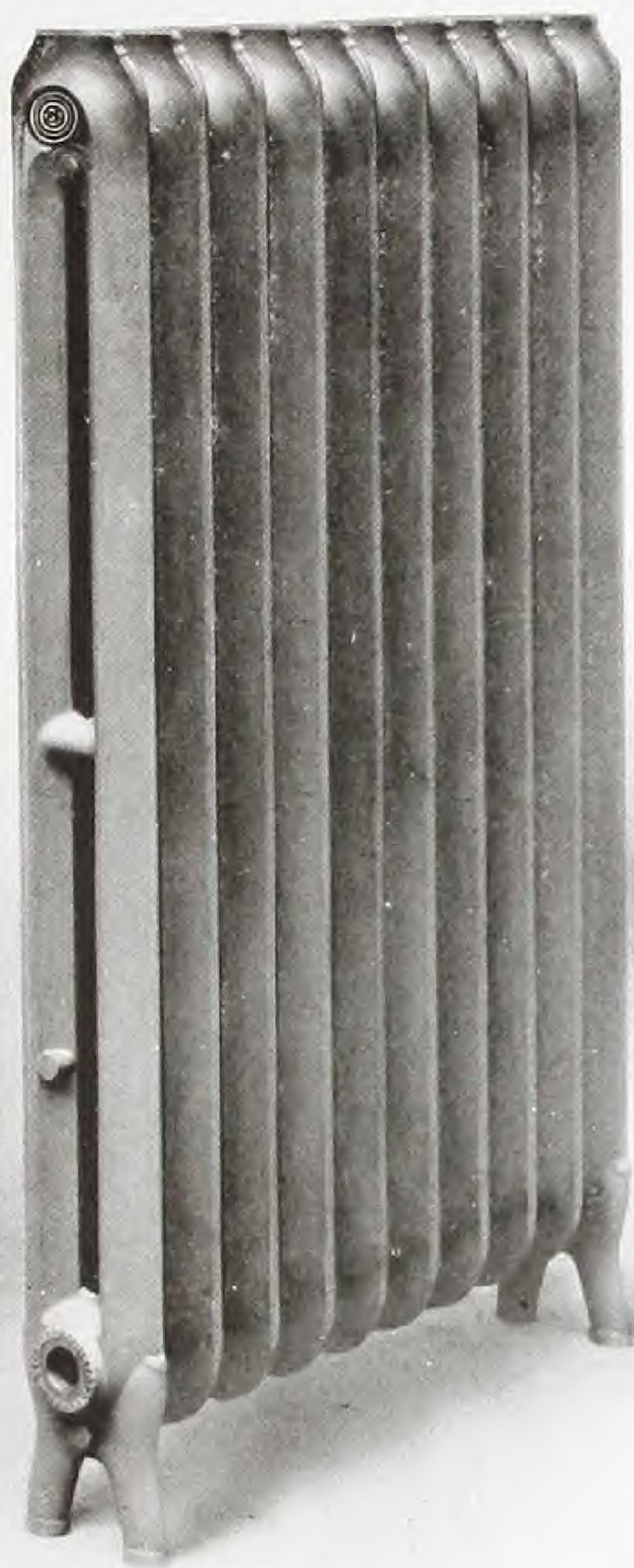




“Standard” Single Column Ornamental Radiator  
FOR WATER

SEE PAGE 5  
FOR LIST OF SIZES

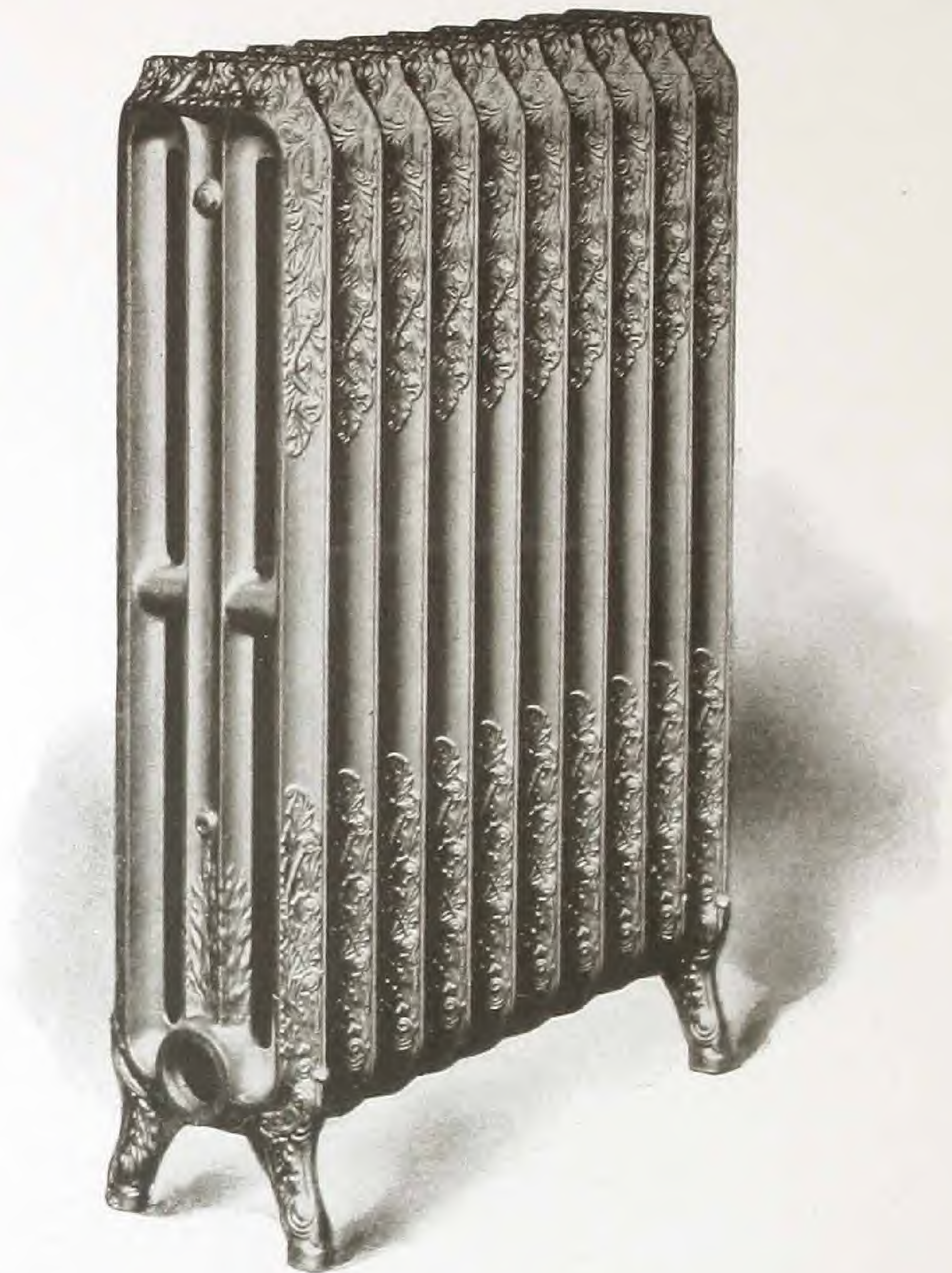




“Standard” Single Column Plain Radiator  
FOR WATER

SEE PAGE 5  
FOR LIST OF SIZES

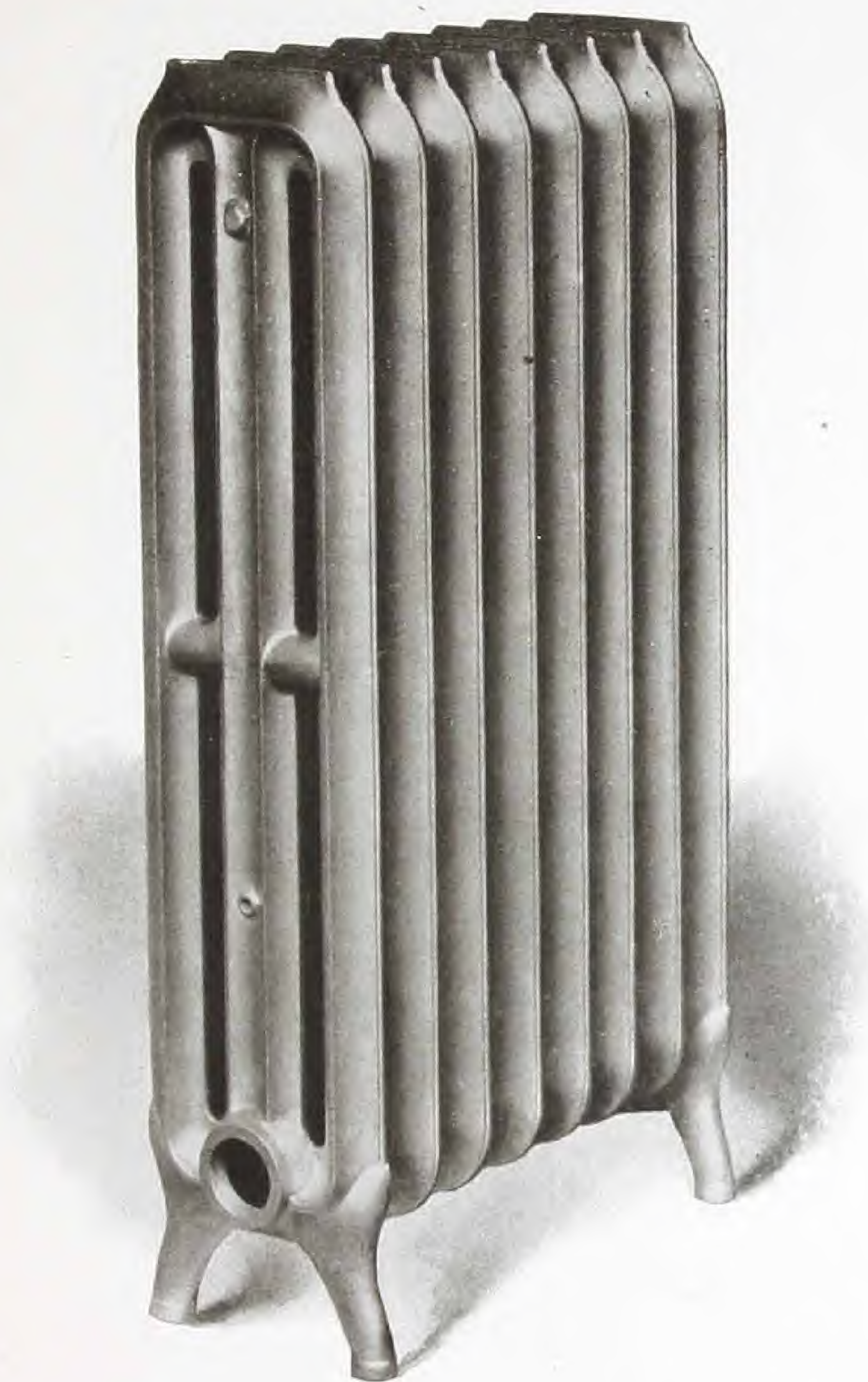




"Standard" Three Column Ornamental Radiator  
FOR STEAM

SEE PAGE 22  
FOR LIST OF SIZES





“Standard” Three Column Plain Radiator  
FOR STEAM

SEE PAGE 22  
FOR LIST OF SIZES

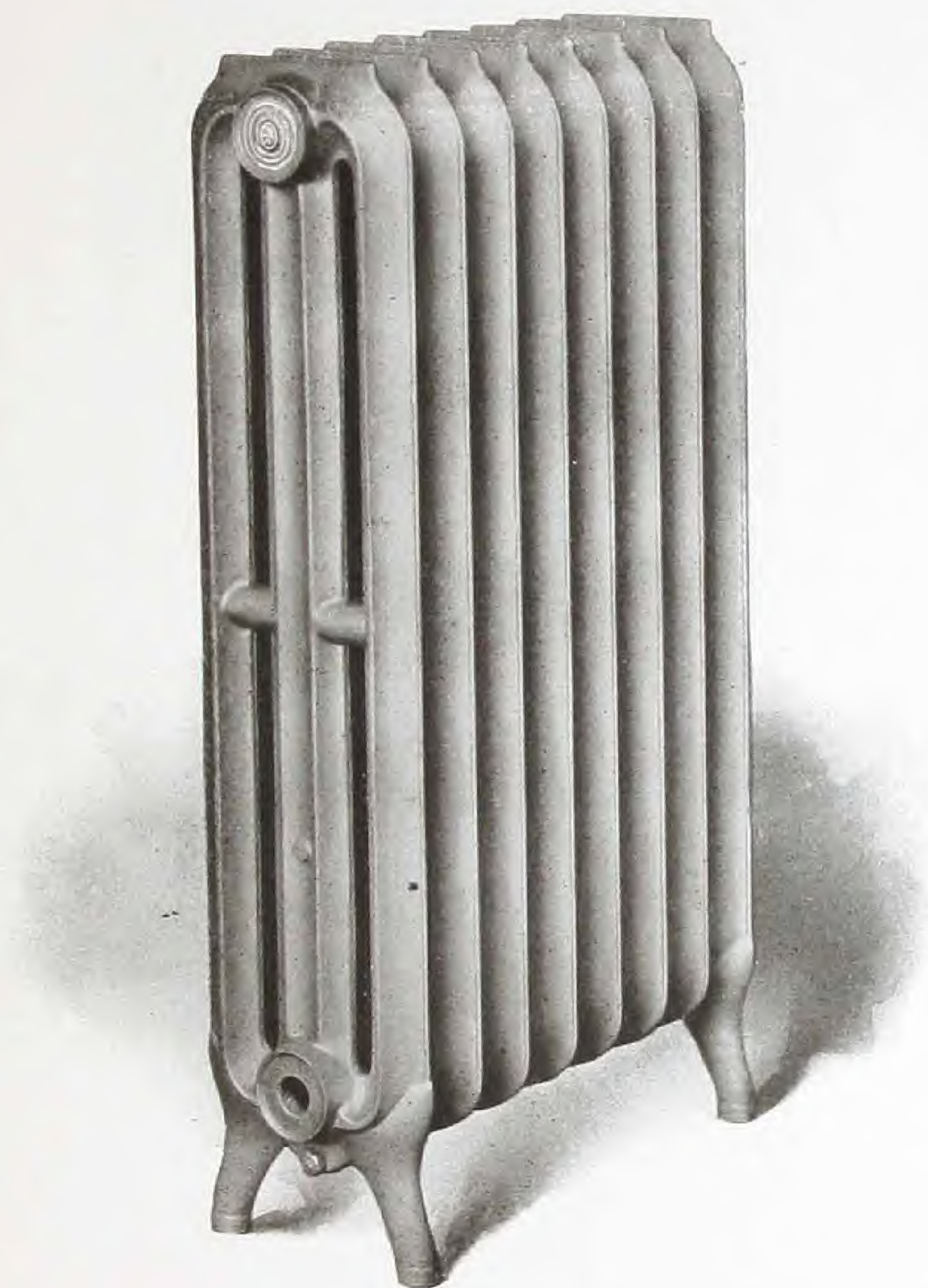




“Standard” Three Column Ornamental Radiator  
FOR WATER

SEE PAGE 22  
FOR LIST OF SIZES





“Standard” Three Column Plain Radiator  
FOR WATER

SEE PAGE 22  
FOR LIST OF SIZES

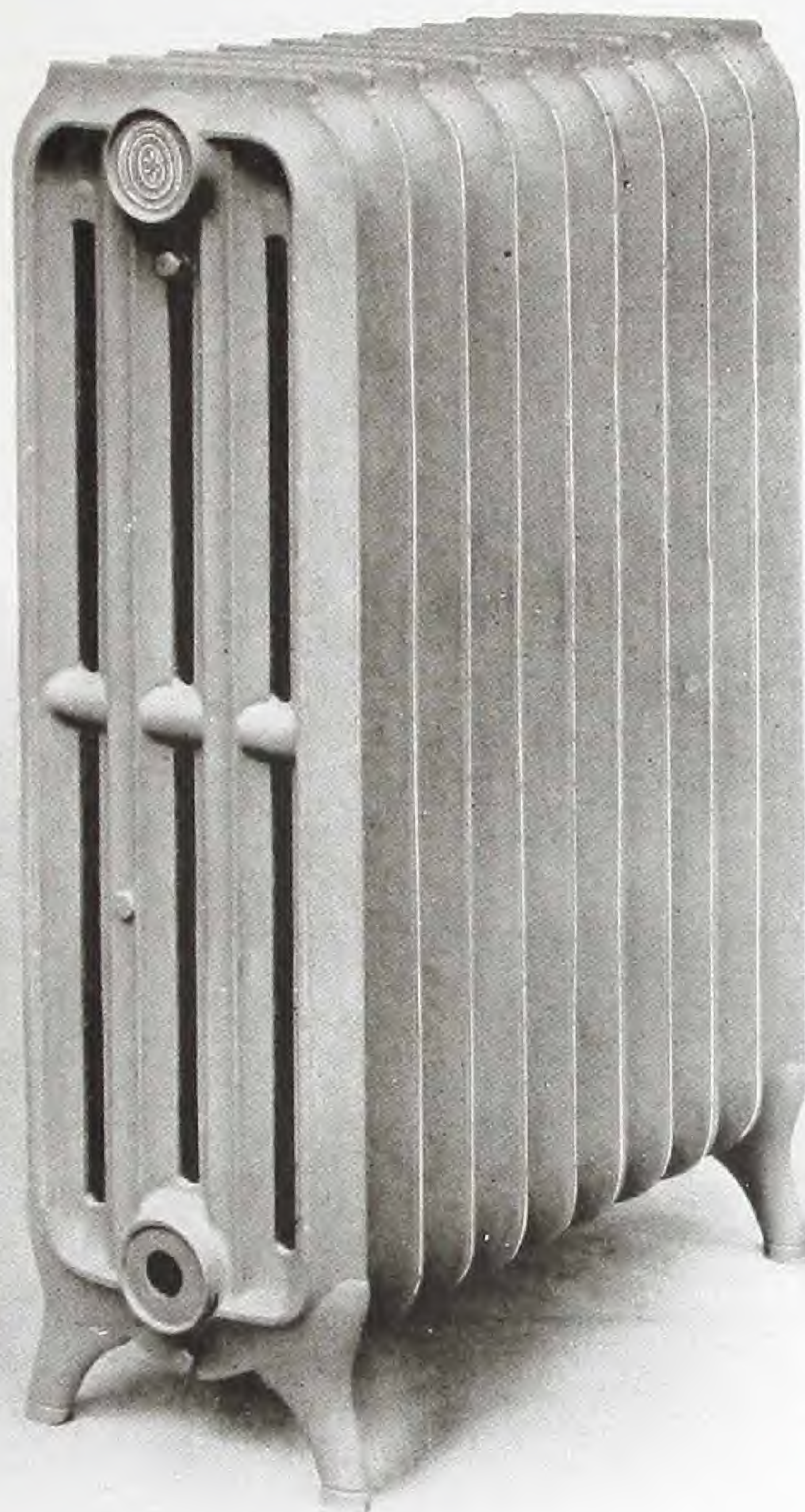




"Standard" Four Column Ornamental Radiator  
FOR STEAM OR WATER

SEE PAGE 23  
FOR LIST OF SIZES

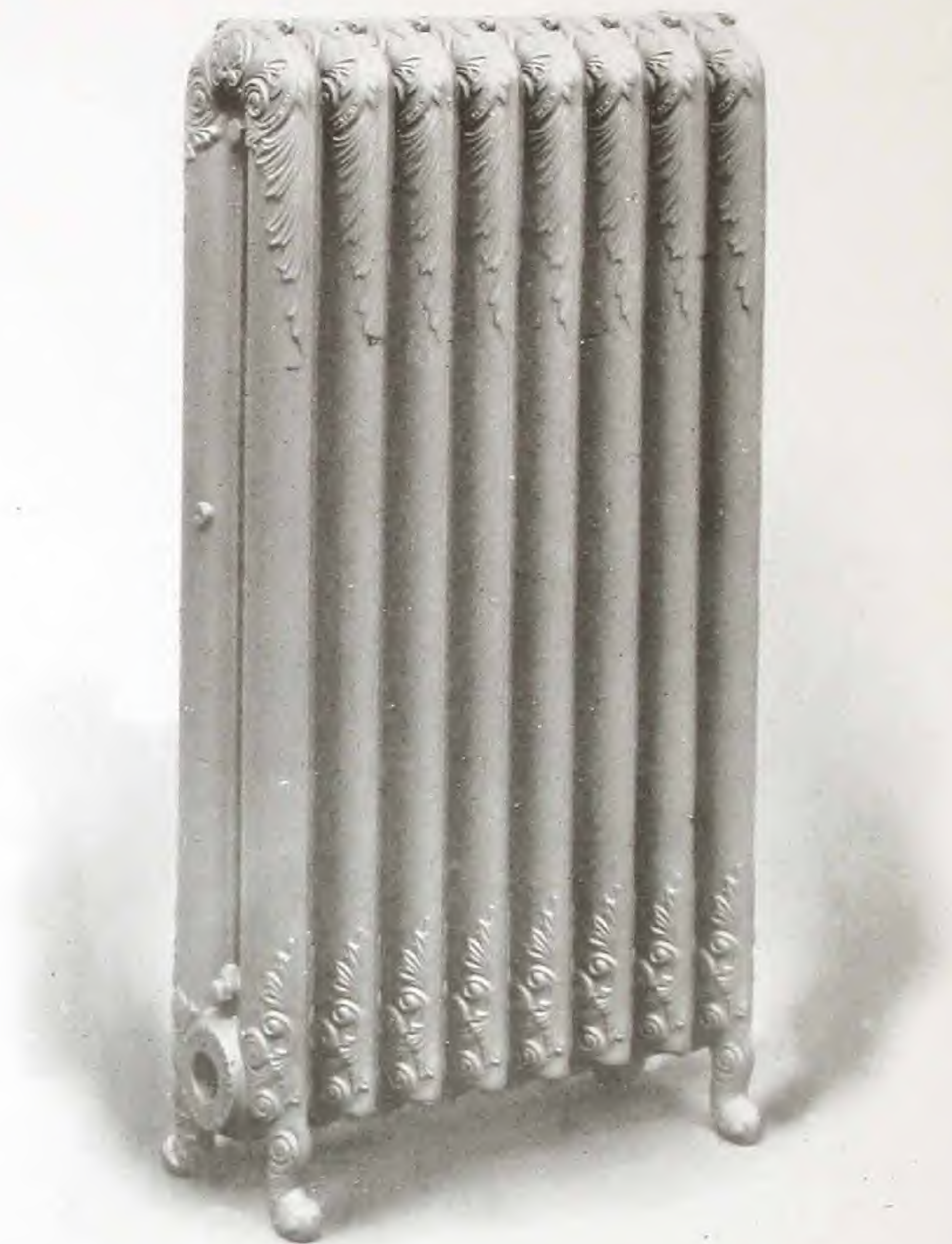




“Standard” Four Column Plain Radiator  
FOR STEAM OR WATER

SEE PAGE 23  
FOR LIST OF SIZES



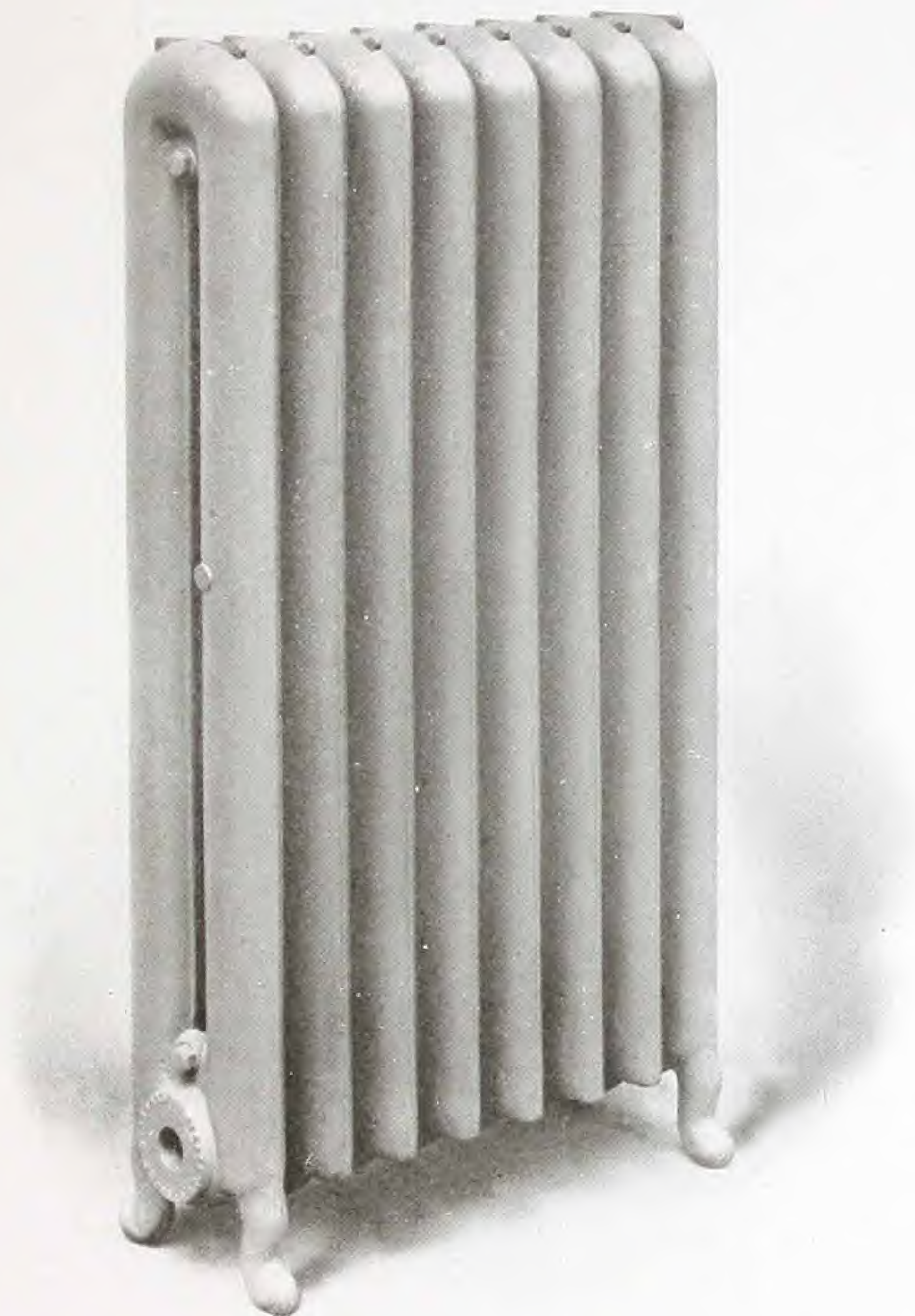


“Standard” Two Column Ornamental Radiator

FOR STEAM OR WATER

SEE PAGE 24  
FOR LIST OF SIZES





“Standard” Two Column Plain Radiator

FOR STEAM OR WATER

SEE PAGE 24  
FOR LIST OF SIZES

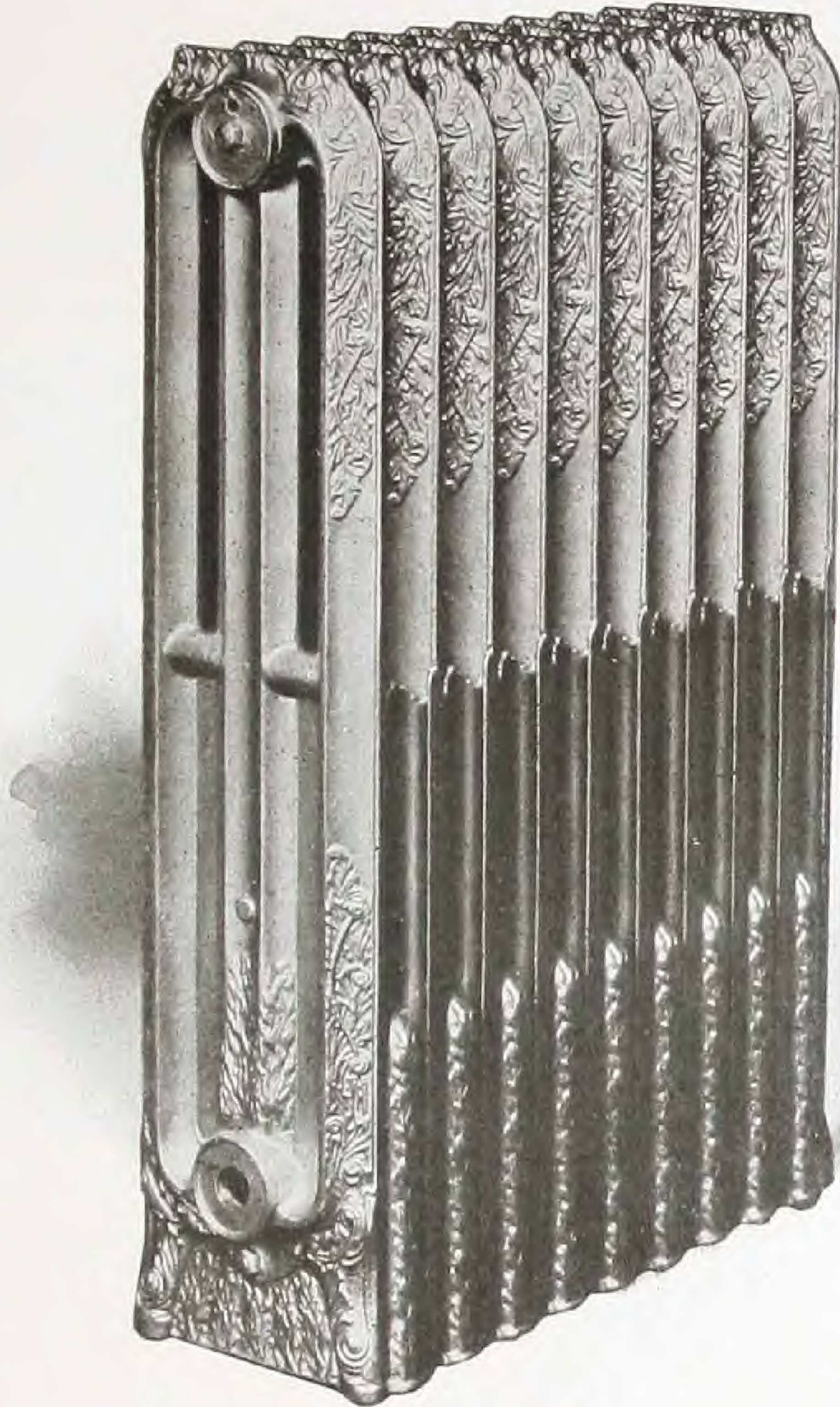




Original "Standard" Three Column Radiator

SEE PAGE 25  
FOR LIST OF SIZES





### “Standard” Direct-indirect

We make the “Standard” Three Column and “Standard” Four Column for direct-indirect heating, by enclosing the base with a series of interchangeable slides. In connection with this, we make a floor damper with openings 1 inch wide by 7 inches long.

By use of these dampers the amount of outside air introduced can be easily regulated.

Made in 26 in., 32 in. and 38 in. heights only.

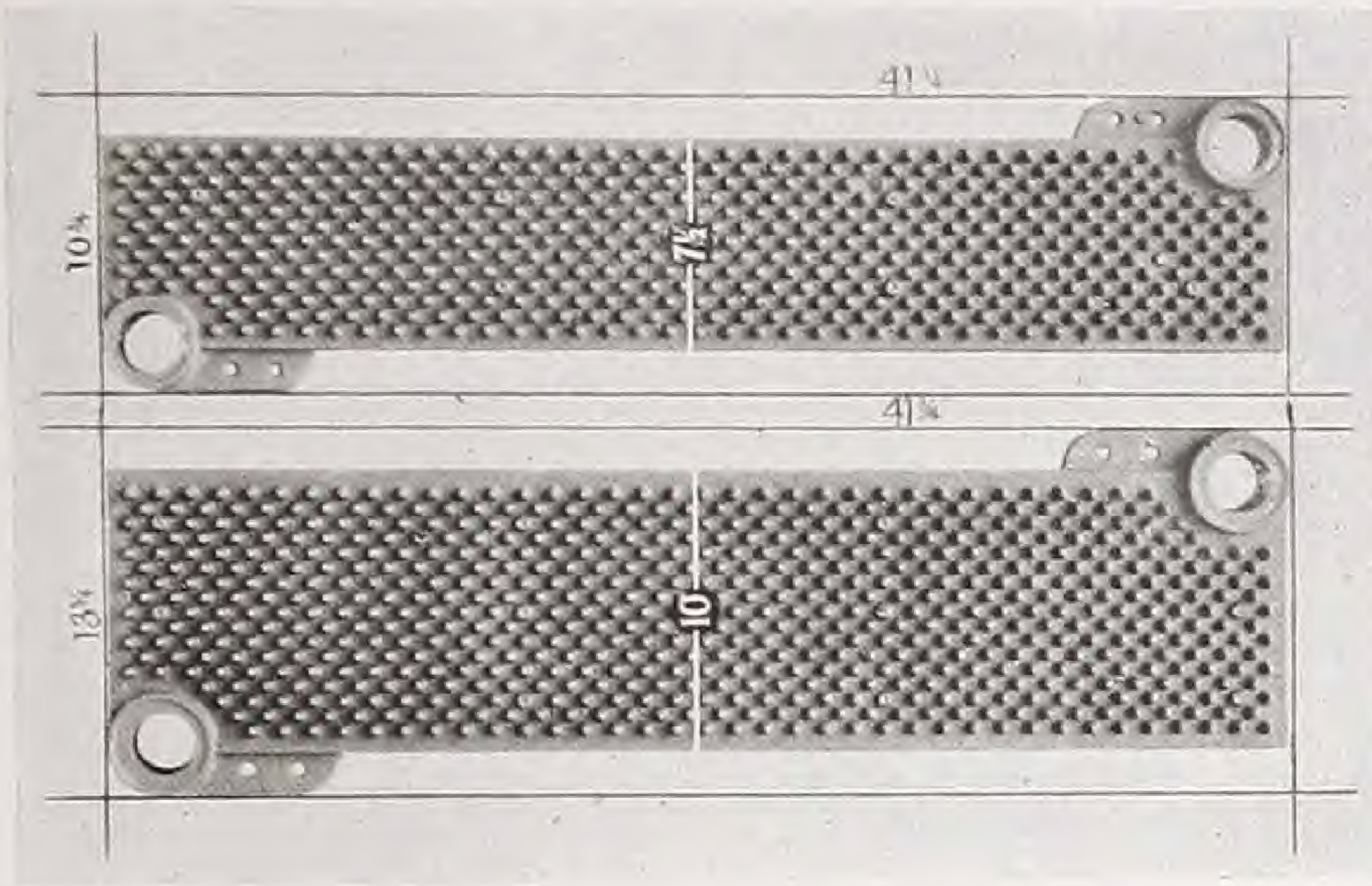




"Standard" Indirect Radiator



## “Standard” Indirect Radiators



The “Standard” Indirect is absolutely the best pin radiator in the market, its efficiency as a heating surface being vastly superior to any of the old style pins heretofore offered. It is equally well adapted for either steam or water heating.

“Standard” Indirects are made in two sizes: 12 sq. feet and 15 sq. feet.

Each section has a diaphragm through the center and extending to within three inches of both ends.

The connections are at the ends of the radiator instead of in the center. This is not only a matter of great convenience in putting the sections together, but the free circulation of air is not impeded or a valuable portion of the heating surface cut out as by the old style center connections.

Our indirects are connected by nipples  $2\frac{1}{2}$  inches in diameter, which are slightly tapering and fit tightly into tapering sockets, thus forming “stopper” joints which are absolutely tight and perfect. This construction is further strengthened by short bolts connecting section with section.

Screw nipples furnished when desired.

No *gaskets* or *packing* of any kind are used in the construction of “Standard” Indirects, and therefore there is nothing in the joint to wear or burn out.

The sections are readily connected by any competent steam or hot water fitter, although we advise having them assembled and tested at our manufacturing plant.

Every section of “Standard” Indirect is subjected to a severe hydrostatic test prior to the time shipment is made.

Indirects can be tapped for supply and return at three different points: either at top, at the end, or on the face of the sections, as shown in the illustration; but cannot be tapped at “A” or “B” larger than  $1\frac{1}{2}$  inches.

Unless otherwise ordered, indirects will be tapped at “A” supply and return.



## LIST OF SIZES

## Standard Three Column Radiators

No. Sections	Length	44 in. high Sq. feet	38 in. high Sq. feet	32 in. high Sq. feet	26 in. high Sq. feet	22 in. high Sq. feet	20 in. high Sq. feet	18 in. high Sq. feet
2	5	12	10	9	7 1/2	6	5 1/2	4 1/2
3	7 1/2	18	15	13 1/2	11 1/4	9	8 1/4	6 3/4
4	10	24	20	18	15	12	11	9
5	12 1/2	30	25	22 1/2	18 3/4	15	13 3/4	11 1/4
6	15	36	30	27	22 1/2	18	16 1/2	13 1/2
7	17 1/2	42	35	31 1/2	26 1/4	21	19 1/4	15 3/4
8	20	48	40	36	30	24	22	18
9	22 1/2	54	45	40 1/2	33 3/4	27	24 3/4	20 1/4
10	25	60	50	45	37 1/2	30	27 1/2	22 1/2
11	27 1/2	66	55	49 1/2	41 1/4	33	30 1/4	24 3/4
12	30	72	60	54	45	36	33	27
13	32 1/2	78	65	58 1/2	48 3/4	39	35 3/4	29 1/4
14	35	84	70	63	52 1/2	42	38 1/2	31 1/2
15	37 1/2	90	75	67 1/2	56 1/4	45	41 1/4	33 3/4
16	40	96	80	72	60	48	44	36
17	42 1/2	102	85	76 1/2	63 3/4	51	46 3/4	38 1/4
18	45	108	90	81	67 1/2	54	49 1/2	40 1/2
19	47 1/2	114	95	85 1/2	71 1/4	57	52 1/4	42 3/4
20	50	120	100	90	75	60	55	45
21	52 1/2	126	105	94 1/2	78 3/4	63	57 3/4	47 1/4
22	55	132	110	99	82 1/2	66	60 1/2	49 1/2
23	57 1/2	138	115	103 1/2	86 1/4	69	63 1/4	51 3/4
24	60	144	120	108	90	72	66	54
25	62 1/2	150	125	112 1/2	93 3/4	75	68 3/4	56 1/4
26	65	156	130	117	97 1/2	78	71 1/2	58 1/2
27	67 1/2	162	135	121 1/2	101 1/4	81	74 1/4	60 3/4
28	70	168	140	126	105	84	77	63
29	72 1/2	174	145	130 1/2	108 3/4	87	79 3/4	65 1/4
30	75	180	150	135	112 1/2	90	82 1/2	67 1/2
31	77 1/2	186	155	139 1/2	116 1/4	93	85 1/4	69 3/4
32	80	192	160	144	120	96	88	72

Each section is 9 inches wide. 2 1/2-inch centers.

Distance from floor to center of opening is 5 1/2 inches.

All radiators will be tapped flush according to regular list on page 42, unless otherwise specified.

In ordering for steam, be sure to state whether for one or two-pipe system.



LIST OF SIZES

“Standard” Four Column Radiators

No. Sections	Length	44 in. high Sq. feet	38 in. high Sq. feet	32 in. high Sq. feet	26 in. high Sq. feet	22 in. high Sq. feet	20 in. high Sq. feet	18 in. high Sq. feet
2	5	18	16	13 $\frac{1}{3}$	10 $\frac{2}{3}$	8	7	6
3	7 $\frac{1}{2}$	27	24	20	16	12	10 $\frac{1}{2}$	9
4	10	36	32	26 $\frac{2}{3}$	21 $\frac{1}{3}$	16	14	12
5	12 $\frac{1}{2}$	45	40	33 $\frac{1}{3}$	26 $\frac{2}{3}$	20	17 $\frac{1}{2}$	15
6	15	54	48	40	32	24	21	18
7	17 $\frac{1}{2}$	63	56	46 $\frac{2}{3}$	37 $\frac{1}{3}$	28	24 $\frac{1}{2}$	21
8	20	72	64	53 $\frac{1}{3}$	42 $\frac{2}{3}$	32	28	24
9	22 $\frac{1}{2}$	81	72	60	48	36	31 $\frac{1}{2}$	27
10	25	90	80	66 $\frac{2}{3}$	53 $\frac{1}{3}$	40	35	30
11	27 $\frac{1}{2}$	99	88	73 $\frac{1}{3}$	58 $\frac{2}{3}$	44	38 $\frac{1}{2}$	33
12	30	108	96	80	64	48	42	36
13	32 $\frac{1}{2}$	117	104	86 $\frac{2}{3}$	69 $\frac{1}{3}$	52	45 $\frac{1}{2}$	39
14	35	126	112	93 $\frac{1}{3}$	74 $\frac{2}{3}$	56	49	42
15	37 $\frac{1}{2}$	135	120	100	80	60	52 $\frac{1}{2}$	45
16	40	144	128	106 $\frac{2}{3}$	85 $\frac{1}{3}$	64	56	48
17	42 $\frac{1}{2}$	153	136	113 $\frac{1}{3}$	90 $\frac{2}{3}$	68	59 $\frac{1}{2}$	51
18	45	162	144	120	96	72	63	54
19	47 $\frac{1}{2}$	171	152	126 $\frac{2}{3}$	101 $\frac{1}{3}$	76	66 $\frac{1}{2}$	57
20	50	180	160	133 $\frac{1}{3}$	106 $\frac{2}{3}$	80	70	60
21	52 $\frac{1}{2}$	189	168	140	112	84	73 $\frac{1}{2}$	63
22	55	198	176	146 $\frac{2}{3}$	117 $\frac{1}{3}$	88	77	66
23	57 $\frac{1}{2}$	207	184	153 $\frac{1}{3}$	122 $\frac{2}{3}$	92	80 $\frac{1}{2}$	69
24	60	216	192	160	128	96	84	72
25	62 $\frac{1}{2}$	225	200	166 $\frac{2}{3}$	133 $\frac{1}{3}$	100	87 $\frac{1}{2}$	75
26	65	234	208	173 $\frac{1}{3}$	138 $\frac{2}{3}$	104	91	78
27	67 $\frac{1}{2}$	243	216	180	144	108	94 $\frac{1}{2}$	81
28	70	252	224	186 $\frac{2}{3}$	149 $\frac{1}{3}$	112	98	84
29	72 $\frac{1}{2}$	261	232	193 $\frac{1}{3}$	154 $\frac{2}{3}$	116	101 $\frac{1}{2}$	87
30	75	270	240	200	160	120	105	90
31	77 $\frac{1}{2}$	279	248	206 $\frac{2}{3}$	165 $\frac{1}{3}$	124	108 $\frac{1}{2}$	93
32	80	288	256	213 $\frac{1}{3}$	170 $\frac{2}{3}$	128	112	96

Each section is 12 inches wide. 2 $\frac{1}{2}$ -inch centers.

Distance from floor to center of opening is 5 $\frac{1}{2}$  inches.

All radiators will be tapped flush according to regular list on page 42, unless otherwise specified.

In ordering for steam, be sure to state whether for one or two-pipe system.



## LIST OF SIZES

## "Standard" Two Column Radiators

No. of Loops	Length	45 in. high Sq. feet	38 in. high Sq. feet	32 in. high Sq. feet	26 in. high Sq. feet	20 in. high Sq. feet
2	5	10	8	$6\frac{2}{3}$	$5\frac{1}{3}$	4
3	$7\frac{1}{2}$	15	12	10	8	6
4	10	20	16	$13\frac{1}{3}$	$10\frac{2}{3}$	8
5	$12\frac{1}{2}$	25	20	$16\frac{2}{3}$	$13\frac{1}{3}$	10
6	15	30	24	20	16	12
7	$17\frac{1}{2}$	35	28	$23\frac{1}{3}$	$18\frac{2}{3}$	14
8	20	40	32	$26\frac{2}{3}$	$21\frac{1}{3}$	16
9	$22\frac{1}{2}$	45	36	30	24	18
10	25	50	40	$33\frac{1}{3}$	$26\frac{2}{3}$	20
11	$27\frac{1}{2}$	55	44	$36\frac{2}{3}$	$29\frac{1}{3}$	22
12	30	60	48	40	32	24
13	$32\frac{1}{2}$	65	52	$43\frac{1}{3}$	$34\frac{2}{3}$	26
14	35	70	56	$46\frac{2}{3}$	$37\frac{1}{3}$	28
15	$37\frac{1}{2}$	75	60	50	40	30
16	40	80	64	$53\frac{1}{3}$	$42\frac{2}{3}$	32
17	$42\frac{1}{2}$	85	68	$56\frac{2}{3}$	$45\frac{1}{3}$	34
18	45	90	72	60	48	36
19	$47\frac{1}{2}$	95	76	$63\frac{1}{3}$	$50\frac{2}{3}$	38
20	50	100	80	$66\frac{2}{3}$	$53\frac{1}{3}$	40
21	$52\frac{1}{2}$	105	84	70	56	42
22	55	110	88	$73\frac{1}{3}$	$58\frac{2}{3}$	44
23	$57\frac{1}{2}$	115	92	$76\frac{2}{3}$	$61\frac{1}{3}$	46
24	60	120	96	80	64	48
25	$62\frac{1}{2}$	125	100	$83\frac{1}{3}$	$66\frac{2}{3}$	50
26	65	130	104	$86\frac{2}{3}$	$69\frac{1}{3}$	52
27	$67\frac{1}{2}$	135	108	90	72	54
28	70	140	112	$93\frac{1}{3}$	$74\frac{2}{3}$	56
29	$72\frac{1}{2}$	145	116	$96\frac{2}{3}$	$77\frac{1}{3}$	58
30	75	150	120	100	80	60
31	$77\frac{1}{2}$	155	124	$103\frac{1}{3}$	$82\frac{2}{3}$	62
32	80	160	128	$106\frac{2}{3}$	$85\frac{1}{3}$	64

Each section is  $7\frac{1}{2}$  inches wide.  $2\frac{1}{2}$ -inch centers.

Distance from floor to center of opening is  $4\frac{1}{2}$  inches.

All radiators will be tapped flush according to regular list on page 42, unless otherwise specified.

In ordering for steam, be sure to state whether for one or two-pipe system.



LIST OF SIZES

"Standard" Original Three Column Radiators

No. Sections	Length	43½ in. high Sq. feet	37½ in. high Sq. feet	31½ in. high Sq. feet	25½ in. high Sq. feet	21½ in. high Sq. feet
2	5	11 ½	10	9	7	5 ½
3	7 ½	17 ¼	15	12 ¾	10 ½	8 ¼
4	10	23	20	17	14	11
5	12 ½	28 ¾	25	21 ¼	17 ½	13 ¾
6	15	34 ½	30	25 ½	21	16 ½
7	17 ½	40 ¼	35	29 ¾	24 ½	19 ¼
8	20	46	40	34	28	21
9	22 ½	51 ¾	45	38 ¼	31 ½	24 ¾
10	25	57 ½	50	42 ½	35	27 ½
11	27 ½	63 ¼	55	46 ¾	38 ½	30 ¼
12	30	69	60	51	42	33
13	32 ½	74 ¾	65	55 ¼	45 ½	35 ¾
14	35	80 ½	70	59 ½	49	38 ½
15	37 ½	86 ¼	75	63 ¾	52 ½	41 ¼
16	40	92	80	68	56	44
17	42 ½	97 ¾	85	72 ¼	59 ½	46 ¾
18	45	103 ½	90	76 ½	63	49 ½
19	47 ½	109 ¼	95	80 ¾	66 ½	52 ¼
20	50	115	100	85	70	55
21	52 ½	120 ¾	105	89 ¼	73 ½	57 ¾
22	55	126 ½	110	93 ½	77	60 ½
23	57 ½	132 ¼	115	97 ¾	80 ½	63 ¼
24	60	138	120	102	84	66
25	62 ½	143 ¾	125	106 ¼	87 ½	68 ¾
26	65	149 ½	130	110 ½	91	71 ½
27	67 ½	155 ¼	135	114 ¾	94 ½	74 ¼
28	70	161	140	119	98	77
29	72 ½	166 ¾	145	123 ¼	101 ½	79 ¾
30	75	172 ½	150	127 ½	105	82 ½
31	77 ½	178 ¼	155	131 ¾	108 ½	85 ¼
32	80	184	160	136	112	88

Each section is 9 inches wide over all. 2 ½-inch centers.

Measurement from center of tapping to floor is 4 ½ inches.

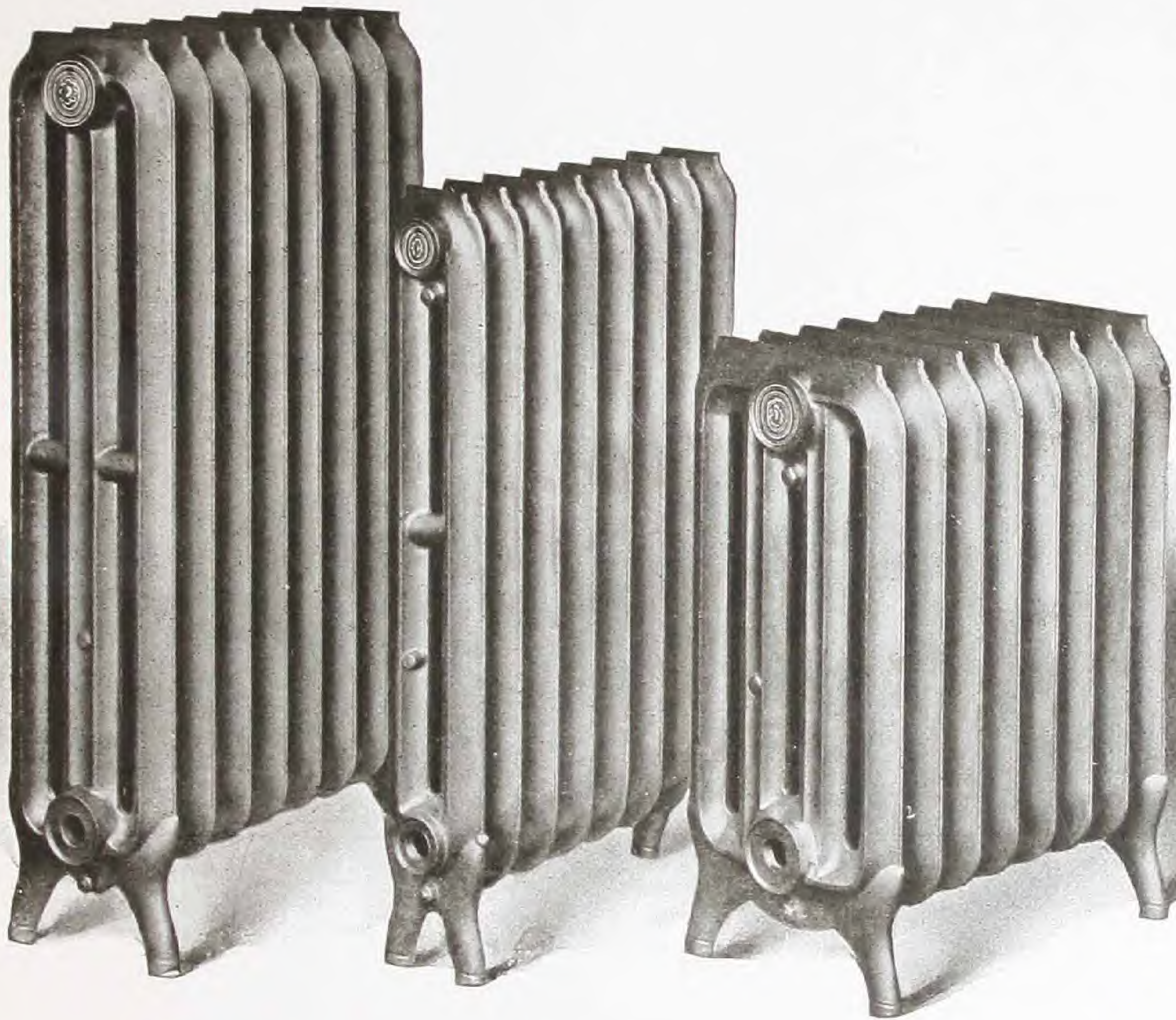
Will be tapped flush according to list of specifications, unless otherwise ordered.

See page 42 for tapping instructions.



THE illustration on opposite page shows the availability of "Standard" Radiators, where uniformity of style or design in different sizes is required. The same pattern in ornamental or plain design can be furnished in three widths, viz. :  $5\frac{1}{2}$ , 9 and 12 inches, and in seven heights, ranging from 18 to 44 inches.





“Standard”  
Three Column Plain  
Water Radiator

“Standard”  
Single Column Plain  
Steam or Water  
Radiator

“Standard”  
Four Column Plain  
Steam or Water  
Radiator



## Circular Radiators

SINGLE COLUMN			TWO COLUMN			THREE COLUMN		
Number Sections	Inside Diameter, in Inches	Outside Diameter, in Inches	Number Sections	Inside Diameter, in Inches	Outside Diameter, in Inches	Number Sections	Inside Diameter, in Inches	Outside Diameter, in Inches
18	9½	20½	20	11½	26	24	12	30
19	10½	21½	22	12	26	25	12	30
20	11½	22½	24	14	28½	26	13	31
21	11½	22½	26	15	29½	27	14	32
22	12¼	23¼	28	16	30½	28	14¼	32¼
23	12¼	23¼	30	18	32½	29	15¼	33¼
24	13¼	24¼	32	20	34½	30	16⅛	34⅛
25	13¼	24¼				31	16½	34½
26	13¼	24¼				32	17½	35½
27	14½	25½				33	18	36
28	14½	25½				34	18¾	36¾
29	15¼	26¼				35	19½	37½
30	16	27						
31	17	28						
32	17¾	28¾						
33	18½	29½						
34	19¼	30¼						
35	20	31						





“Standard” Single Column Ornamental Circular or  
Column Radiator

Made in single, two or three column, ornamental or plain.

For two-pipe work flow and return will be tapped diametrically opposite. We can tap flow and return on one side with one loop intervening, if so desired.

NOTE.—Circular radiators intended to be placed around a column will be shipped in halves, otherwise one piece. Please state requirement when ordering.



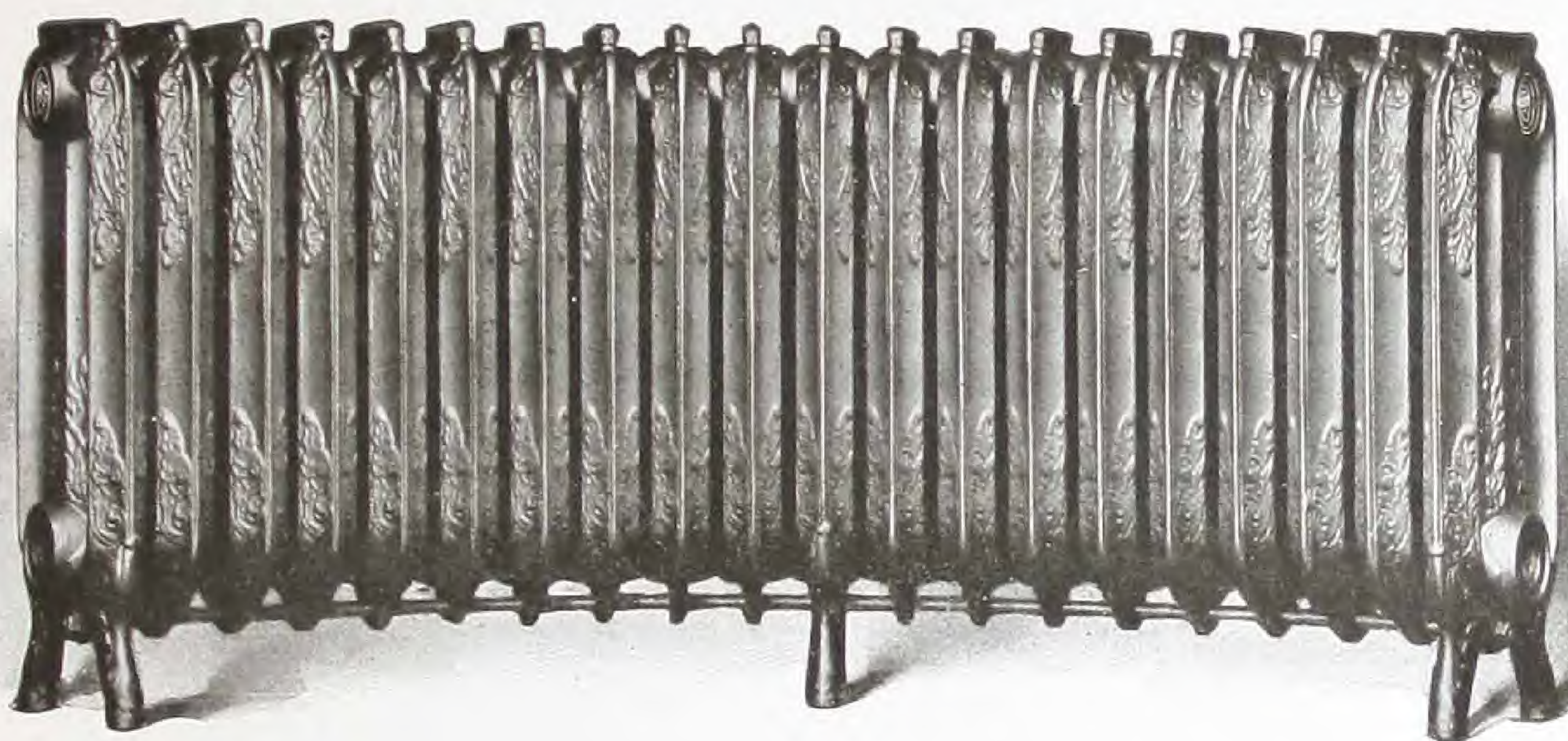
## Curved Radiators

**I**N "Standard" Three Column we can make curve to conform to any radius from 6 inches (inside) up.

In "Standard" Four Column the smallest inside radius is 19 inches.

When ordering curved radiators, please give exact radius of curve, making proper allowance for thickness of baseboard if same is not in position, and state distance radiator is to be set away from baseboard.





“Standard” Three Column Ornamental Curved Radiator

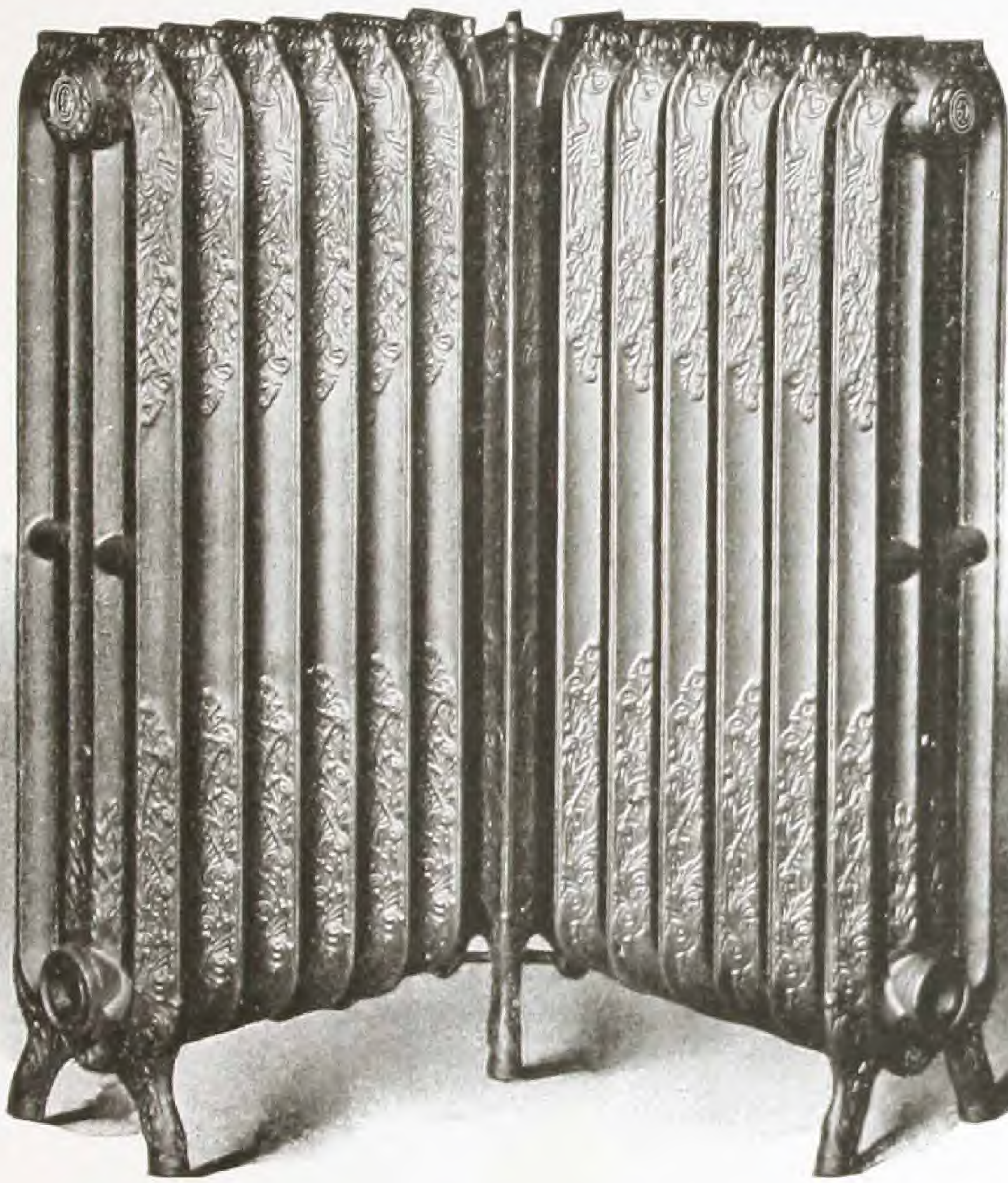


### Corner Radiators

**A**S SHOWN on opposite page, can be made in 38 and 44-inch "Standard" Three Column, and 38-inch "Standard" Single Column.

All other heights must be curved.





Standard Three Column Corner Radiator



## Bay Window Radiators

**M**ADE in three or four column, ornamental or plain.

When ordering bay window radiators be sure and send us template of radiator desired.





"Standard" Three Column Bay Window Radiator



## Stair Radiators

**M**ADE in two, three or four column, ornamental or plain, but for steam only.





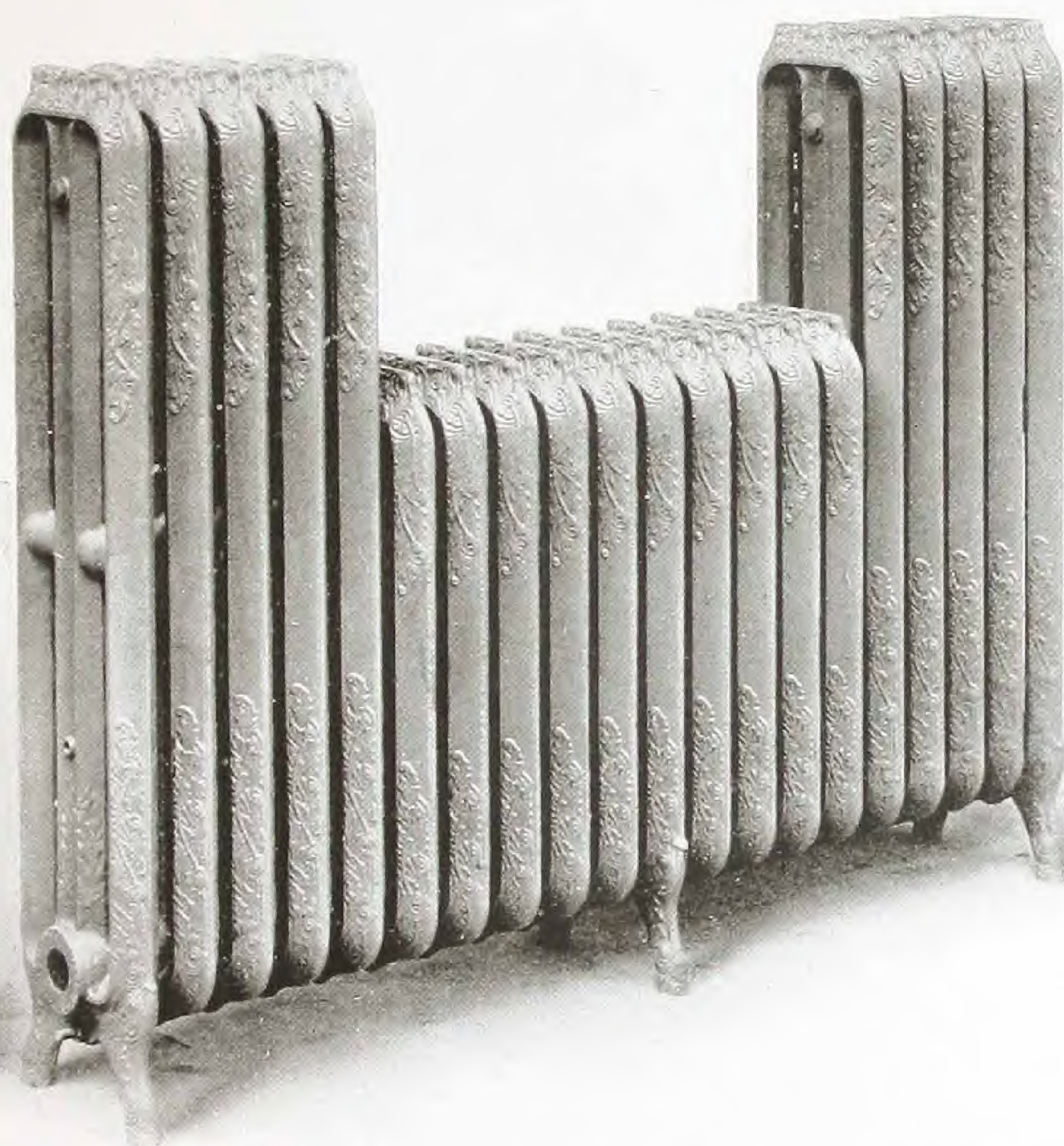
“ Standard ” Three Column Stair Radiator



## Window Radiators

**M**ADE in two or three column, ornamental or plain,  
but for steam only.





“Standard” Three Column Window Radiator





Special High Legs

Made in 6, 6½, 7, 8, 9 and 10-inch heights.



## Directions for Making Out Orders

In the interest of economy of time, and to avoid misunderstandings, we request a careful observance of the suggestions which follow. We have a special order form, in convenient pads, which we will gladly send upon application.

1. State number of radiators.
2. State number of sections in each radiator.
3. State height required.
4. State style.
5. State steam or water.
6. State, if for steam, whether one or two pipe.
7. State size of tappings (see page 42). NOTE.—We will tap according to list on page 42, if not otherwise specified.
8. If "P" or "W" tapping is desired, be sure to state whether return is to be at same or opposite end.
9. All radiators will be tapped with right hand thread, unless otherwise specified.
10. When ordering individual end leg sections, give name of radiator, and state size of tappings; also say whether for steam or water, supply or return; if for steam, whether for one or two-pipe system.
11. "Standard" Radiators are always assembled with slip nipples, unless screw nipples are specified.
12. In ordering intermediate leg sections, please state whether top and bottom connection, or bottom connection only, is desired, and specify style of nipple.



## Regular Tappings

### ONE-PIPE STEAM

25 square feet and under . . . . .	1 inch
Above 25, but not exceeding 60 square feet . . . . .	1 $\frac{1}{4}$ inch
Above 60, but not exceeding 100 square feet . . . . .	1 $\frac{1}{2}$ inch
Above 100 square feet . . . . .	2 inch

### TWO-PIPE STEAM

50 square feet and under . . . . .	1 x $\frac{3}{4}$ inch
Above 50, but not exceeding 95 square feet . . . . .	1 $\frac{1}{4}$ x 1 inch
Above 95 square feet . . . . .	1 $\frac{1}{2}$ x 1 $\frac{1}{4}$ inch

### WATER

50 square feet and under . . . . .	1 x 1 inch
Above 50, but not exceeding 75 square feet . . . . .	1 $\frac{1}{4}$ x 1 $\frac{1}{4}$ inch
Above 75 square feet . . . . .	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$ inch

## Special Tappings

In single and three column, the special tappings "P," "H" and "W" shown on opposite page cannot be furnished with larger than 1  $\frac{1}{2}$ -inch opening.

The four and two column patterns can be tapped up to 2 inches.

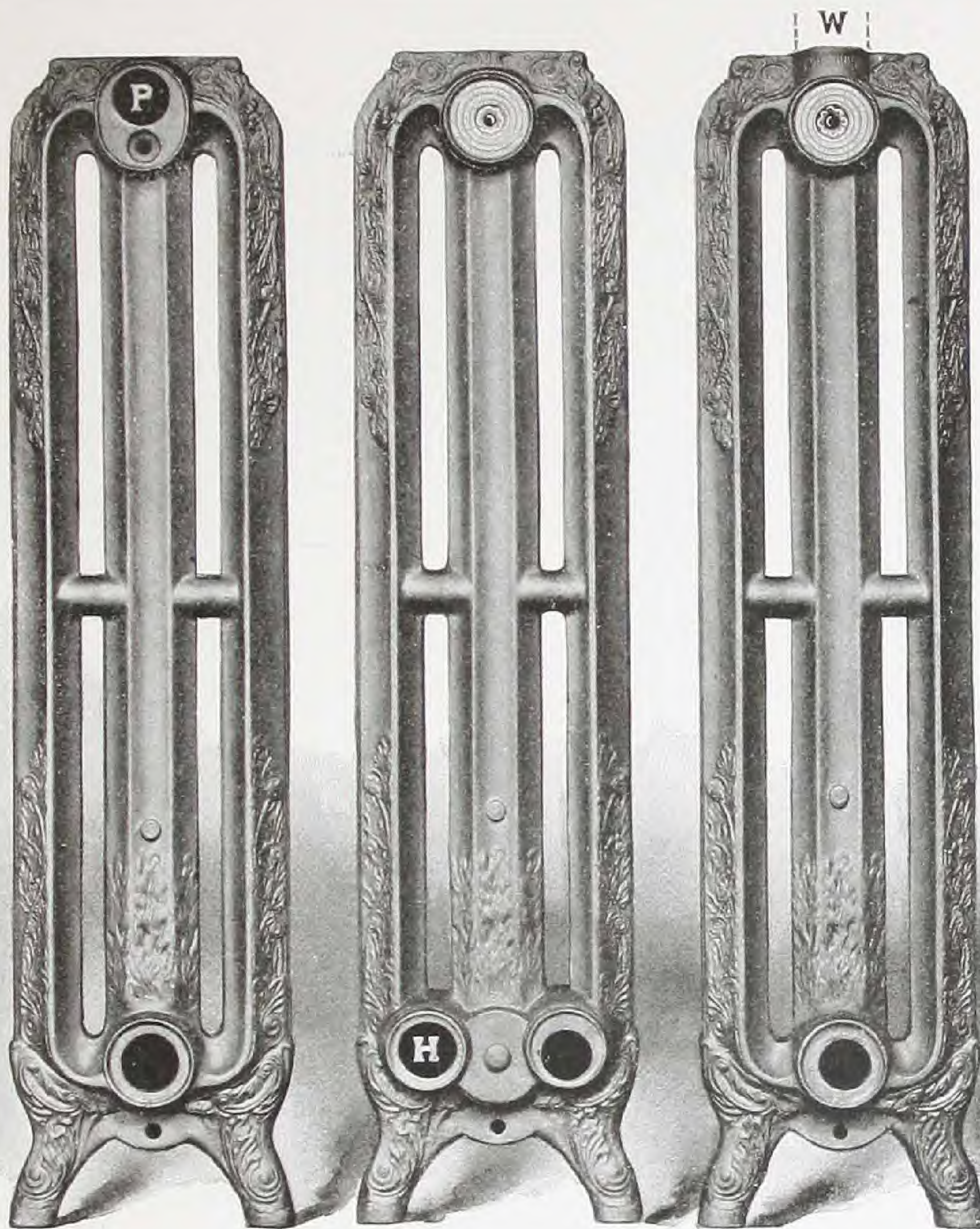
In ordering either "P" or "W style," please state whether return is to be at same or opposite end.

We can furnish a special tapping at bottom, between the legs, corresponding to the "W" tapping at top. If this is desired, please designate as "L."

## Air Valve Tapping

Tappings for air valves will be  $\frac{1}{8}$ -inch, unless otherwise ordered. We can tap up to  $\frac{1}{4}$ -inch, if desired.





### Special Tappings

Distances from center of "P" tapping to center of bottom tapping are as follows:

44-inch 3 column water,	42 inches
38-inch 3 column water,	$36\frac{3}{8}$ inches
32-inch 3 column water,	$30\frac{3}{8}$ inches
26-inch 3 column water,	$24\frac{3}{8}$ inches
22-inch 3 column water,	$20\frac{5}{8}$ inches
20-inch 3 column water,	$18\frac{1}{8}$ inches
18-inch 3 column water,	$16\frac{1}{2}$ inches

$43\frac{1}{2}$ inches	=	$41\frac{1}{4}$ inches
$37\frac{1}{2}$ inches	=	$35\frac{3}{4}$ inches
$31\frac{1}{2}$ inches	=	$29\frac{7}{8}$ inches
$25\frac{1}{2}$ inches	=	$24\frac{1}{4}$ inches
$21\frac{1}{2}$ inches	=	$20\frac{1}{8}$ inches

### Centers of "H" tapping from floor

SUPPLY		RETURN	
Size of Opening	Distance from Floor	Size of Opening	Distance from Floor
$1\frac{1}{2}$ inches	$5\frac{3}{4}$ inches	$1\frac{1}{2}$ inches	$5\frac{3}{4}$ inches
$1\frac{1}{4}$ inches	$5\frac{3}{4}$ inches	$1\frac{1}{4}$ inches	$5\frac{5}{8}$ inches
1 inch	$5\frac{3}{4}$ inches	1 inch	$5\frac{1}{2}$ inches
$\frac{3}{4}$ inch	$5\frac{3}{4}$ inches	$\frac{3}{4}$ inch	$5\frac{3}{8}$ inches



# TELEGRAPH CODE

## Number of Loops

2 Sections . . . . .	Kennel
3 Sections . . . . .	Kentucky
4 Sections . . . . .	Kersey
5 Sections . . . . .	Kettle
6 Sections . . . . .	Kicker
7 Sections . . . . .	Kid
8 Sections . . . . .	Kill
9 Sections . . . . .	Kimball
10 Sections . . . . .	Kindness
11 Sections . . . . .	Kindred
12 Sections . . . . .	King
13 Sections . . . . .	Kingdom
14 Sections . . . . .	Kingley
15 Sections . . . . .	Kinking
16 Sections . . . . .	Kiss
17 Sections . . . . .	Kitchen
18 Sections . . . . .	Knave
19 Sections . . . . .	Knight
20 Sections . . . . .	Knob
21 Sections . . . . .	Knocker

22 Sections . . . . .	Knout
23 Sections . . . . .	Knuckle
24 Sections . . . . .	Kodak
25 Sections . . . . .	Kopeck
26 Sections . . . . .	Koran
27 Sections . . . . .	Kremlin
28 Sections . . . . .	Kumiss
29 Sections . . . . .	Kurd
30 Sections . . . . .	Kusack
31 Sections . . . . .	Label
32 Sections . . . . .	Laborer
33 Sections . . . . .	Lace
34 Sections . . . . .	Lacerate
35 Sections . . . . .	Lackey
36 Sections . . . . .	Ladder
Supply Leg Section . . . . .	Ladrone
Return Leg Section . . . . .	Lady
Middle Section . . . . .	Lagoon
Middle Leg Section . . . . .	Laid

## Heights

18 Inches High . . . . .	Chatham
20 Inches High . . . . .	Chattels
21 ½ Inches High . . . . .	Chatter
22 Inches High . . . . .	Cheap
25 Inches High . . . . .	Cherry
25 ½ Inches High . . . . .	Cherub
26 Inches High . . . . .	Chessman

31 ½ Inches High . . . . .	Chester
32 Inches High . . . . .	Chestnut
37 ½ Inches High . . . . .	Chevron
38 Inches High . . . . .	Chicken
43 ½ Inches High . . . . .	Chicory
44 Inches High . . . . .	Chide
45 Inches High . . . . .	Chief



## Style and Kind of Radiators

"Standard" Single Column Ornamental Steam . . . . .	Cavalier
"Standard" Single Column Ornamental Water . . . . .	Cavalry
"Standard" Single Column Plain Steam . . . . .	Caudal
"Standard" Single Column Plain Water . . . . .	Caught
"Standard" Two Column Ornamental Steam . . . . .	Censure
"Standard" Two Column Ornamental Water . . . . .	Centaur
"Standard" Two Column Plain Steam . . . . .	Cedilla
"Standard" Two Column Plain Water . . . . .	Celery
"Standard" Three Column Ornamental Steam . . . . .	Caution
"Standard" Three Column Ornamental Water . . . . .	Cause
"Standard" Three Column Plain Steam . . . . .	Ceremony
"Standard" Three Column Plain Water . . . . .	Certify
Old Style "Standard" Steam . . . . .	Cavil
Old Style "Standard" Water . . . . .	Cavities
"Standard" Four Column Ornamental Steam . . . . .	Cave
"Standard" Four Column Ornamental Water . . . . .	Caverns
"Standard" Four Column Plain Steam . . . . .	Cervine
"Standard" Four Column Plain Water . . . . .	Centrifugal
"Empire" Steam . . . . .	Cayenne
"Empire" Water . . . . .	Cazique
Indirect for Steam . . . . .	Caxton
Indirect for Water . . . . .	Cedar

## Quantity

500 Square Feet . . . . .	Corset	6,000 Square Feet . . . . .	Court
1,000 Square Feet . . . . .	Couching	7,000 Square Feet . . . . .	Cousin
2,000 Square Feet . . . . .	Cough	8,000 Square Feet . . . . .	Covenant
3,000 Square Feet . . . . .	Council	9,000 Square Feet . . . . .	Coward
4,000 Square Feet . . . . .	Countess	10,000 Square Feet . . . . .	Coxcomb
5,000 Square Feet . . . . .	Courage	20,000 Square Feet . . . . .	Crab



## Tapping Instructions

$\frac{3}{4}$ x $\frac{3}{4}$ inch . . . . .	Torment	Tapped for One Pipe, as per
1 x $\frac{3}{4}$ inch . . . . .	Tornado	List . . . . . Toughen
1 x 1 inch . . . . .	Torpedo	Tapped for Two Pipe, as per
1 inch Single Pipe . . . . .	Torpidly	List . . . . . Tourist
$1\frac{1}{4}$ x $\frac{3}{4}$ inch . . . . .	Torpor	Tapped for Top Feed and
$1\frac{1}{4}$ x 1 inch . . . . .	Torrent	Bottom Return on same end.Trackless
$1\frac{1}{4}$ x $1\frac{1}{4}$ inch . . . . .	Torsion	Tapped for Top Feed and
$1\frac{1}{4}$ inch Single Pipe . . . . .	Tortoise	Bottom Return on opposite
$1\frac{1}{2}$ x 1 inch . . . . .	Torture	end. . . . . Towage
$1\frac{1}{2}$ x $1\frac{1}{4}$ inch . . . . .	Tory	Tapped Left Hand . . . . . Towering
$1\frac{1}{2}$ x $1\frac{1}{2}$ inch . . . . .	Tossing	Tapped at "P" . . . . . Township
$1\frac{1}{2}$ inch Single Pipe . . . . .	Totem	Tapped at "W" . . . . . Towser
2 x $1\frac{1}{2}$ inch . . . . .	Tottering	Tapped at "H" . . . . . Tracery
2 inch Single Pipe . . . . .	Touching	

## Shipments

Ship by Freight . . . . .	Sunder
Your Order was Shipped . . . . . (Date) . . . . .	Sung
Order was Shipped . . . . .	Sun
Will Ship Order for . . . . . on . . . . .	Sunken
[Consignee]	
Ship by Express . . . . .	Sunday
Ship by best Route . . . . .	Sundial
Ship Immediately . . . . .	Sundown
When will Order be Shipped to . . . . . (No. or Date) . . . . .	Sundry
Ship by same Route as our Order (No. or Date) . . . . .	Sunflower
We send Shipping Instructions by Mail . . . . .	Sunk
Wire C. L. and L. C. L. rate to . . . . .	Sunny
Send Tracer after our Order (No. or Date) . . . . .	Sunshine
Add to our Order (No. or Date) the Following . . . . .	Sunstroke
Change our Order (No. or Date) to Read . . . . .	Sunshade
When can you make Shipment on . . . . .	Supplant
Our Order (No. or Date) . . . . .	Sup



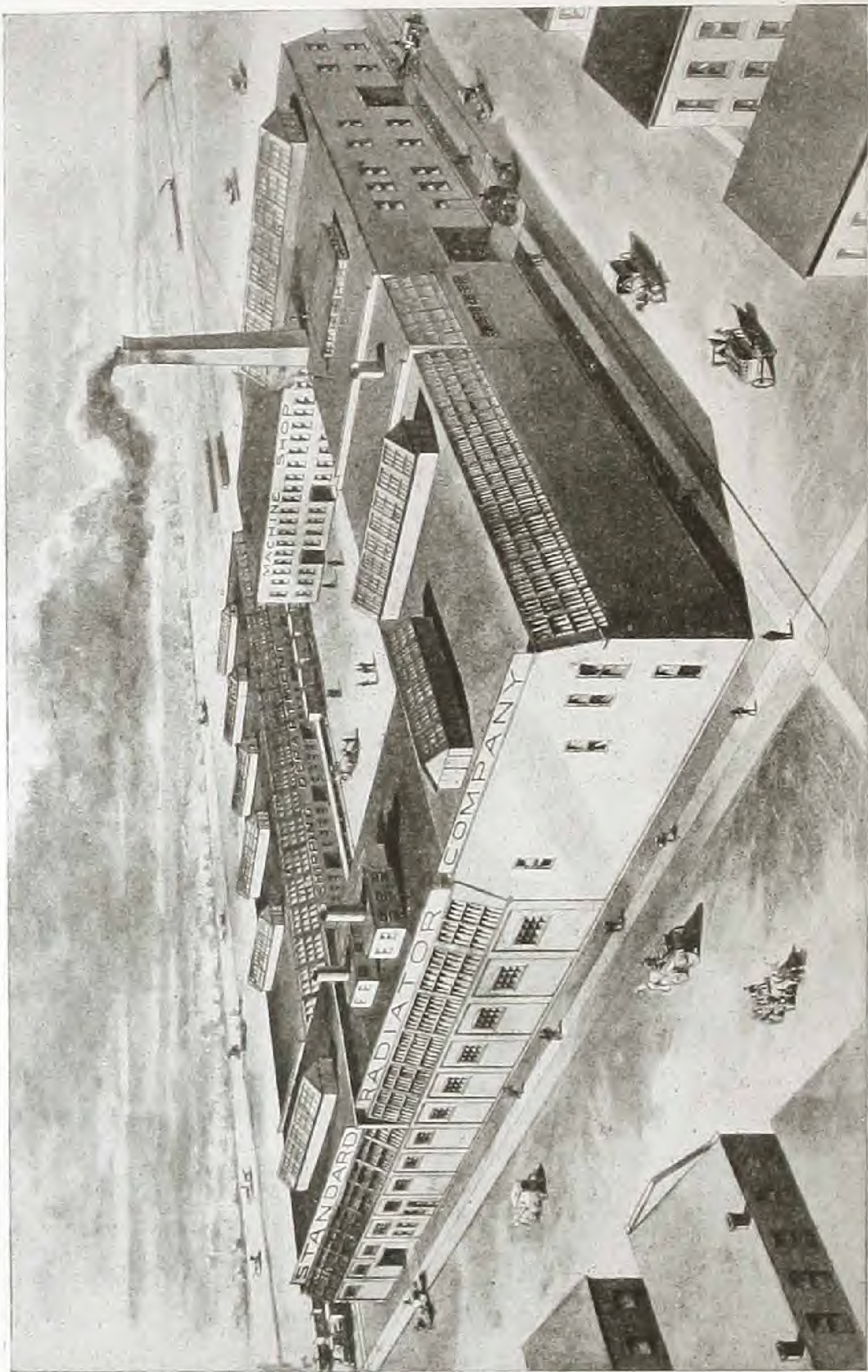
# Shipments—Continued

Can make Shipment Immediately . . . . .	Superb
Forward as Small Lot, unless you have Car Load going at once . . . . .	Supply
Hold for Instructions, Order (No. or Date) . . . . .	Support
Advice to Hold for Instruction Received Too Late, as Order went Forward . .	Supine
Ship with Draft Attached to B. L. . . . .	Supper
Ship at Once what you can of our Order (No. or Date) . . . . .	Supple
Give Date or Number of Order referred to . . . . .	Support
Will place Order for (use "Quantity" Cipher next) if you can make Shipment	
at Once. Wire Reply . . . . .	Suppose
1 day . . . . .	Surd
2 days . . . . .	Sure
3 days . . . . .	Surf
4 days . . . . .	Surge
5 days . . . . .	Surly
6 days . . . . .	Surply
7 days . . . . .	Survey
First of next week . . . . .	Survive
Can Ship Order in.....Days from Receipt	

# Miscellaneous

Quote Best Price on . . . . .	Chagrin
Have Written . . . . .	Chair
Wire Reply . . . . .	Chalice
Fitted with Lugs for Marble Top . . . . .	Siphon
All to have Extra High Legs, so that the Distance from the Floor to Center of	
Tapping shall be (inches) . . . . .	Souvenir
Mail us your Pocket Edition Radiator Catalogue. . . . .	Suburban
Fitted with Cast Iron Tops . . . . .	Tasker
This Price is for Immediate Acceptance. . . . .	Chain







MR. J. B. COLE



MS. A. 1. 1.